3-9-06

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

EMARKO	IOMAITT A I		Application Number 10/643,673			
IKAN	ISMITTAL		Filing Date	August 1	9, 2003	
r	ORM		First Named Inventor	Hyon et	al.	
(to be used for all correspondence after initial filing)		Art Unit	1711			
			Examiner Name	Susan B	erman	
Total Number of Pages	in This Submission		Attorney Docket Number	1736-00	0001/REC	
		ENCLO	SURES (check all that apply)			
Fee Transmittal F	orm	☐ Drawin	g(s)	. —	Allowance Communication to nology Center (TC)	
Fee Attached		Licensi	ng-related Papers		al Communication to Board of als and Interferences	
Amendment / Rep	oly	Petition	1		al Communication to TC al Notice, Brief, Reply Brief)	
After Final			n to Convert to a onal Application	Propr	ietary Information	
Affidavits/dec	laration(s)	Power Chang	of Attorney, Revocation e of Correspondence Address	☐ Statu	s Letter	
Extension of Time	e Request	Termin	Terminal Disclaimer		Other Enclosure(s) (please identify below):	
Express Abandon	ment Request		Request for Refund		Form 1449; return postcard.	
Information Disclo	sure Statement	CD, Number of CD(s)				
Certified Copy of Document(s)	Priority	Rema	Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.			
Response to Miss			Account No. 08-075	u.		
Response to Parts under 3 1.52 or 1.53						
	SIGNA	TURE OF	APPLICANT, ATTORNEY,	OR AGENT		
Firm or Harness, Dickey & Pierce, P. Individual name		Pierce, P.L.	C. Attorney Name Reg. No. 30,692		_	
Signature				•		
Date March 5 , 2006						
CERTIFICATE OF TRANSMISSION/MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.						
Typed or printed nam	e David L. Sute	5 4 .		Express Mail Label No.	EV 853 855 785 US (3/8/2006)	
Signature	1110	V\- 		Data	March @ 2006	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

ons are required to respond to a collection of information unless it displays a valid OMB control number.

	300	er the Paperwork Reduction Act of 1995, no persons are required
MAR 0 8	700Fees	Effective on 12/08/2004. oursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).
M.		FEE TRANSMITTAL
PADE	M	C EV 000E

for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) \$180.00

		_		
Complete if Known				
Application Number	10/643,673			
Filing Date	August 19, 2003			
First Named Inventor	Hyon et al.			
Examiner Name	Susan Berman			
Art Unit	1711			
Attorney Docket No.	1736-000001/REC			

Check	METHOD OF PAYMENT (check all that apply)							
Deposit Account Deposit Account Number: 08-0750	☐ Check ☐ Credit Car	☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)						
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee								
Charge fee(s) indicated below Charge fee(s) indicated below, except for the filling fee				ector is hereby	-			
Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments Credit card information and under 37 CFR 1.16 and 1.17				•	_	•		for the filing fee
Uniformation and authorization on PTO-2038. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES SEARCH FEES FILING FEES SEARCH FEES SEAL HIGH SEARCH SEARCH SEAS HE SEARCH SEAS SEARCH FEES SEARCH FEES SEARCH FEES SEARCH FEES SEARCH FEES SE				nents of foo(s)			-	ior the ming lee
FEE CALCULATION	Under 37	CFR 1.16 at	nd 1.17			• • •		
BASIC FILING, SEARCH, AND EXAMINATION FEES SEARCH FEES Small Entity Small	WARNING: Information on th information and authorization	is form may l n on PTO-203	become public. Credit 88.	card informati	on should not be inc	cluded on this	form. Provide cre	dit card
FILING FEES Small Entity Small	FEE CALCULATION							
Application Type	1. BASIC FILING, SEA	RCH, AND	EXAMINATION	FEES				
Application Type				SEARCH				
Utility	Application Type			Foo(\$)				Food Boid (\$)
Design 200 100 100 50 130 65								rees raid (\$)
Reissue 300 150 500 250 600 300	Design	200	100	100				
Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Plant	200	100	300	150	160	80	
2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claims over 3 (including Reissues) Each independent claims Multiple dependent claims Total Claims Extra Claims Fee(\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) x Fee(\$) Fee Paid (\$)	Reissue	300	150	500	250	600	300	
Fee Description Each claim over 20 (including Reissues) Each independent claims over 3 (including Reissues) Each independent claims over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Extra Claims Fee(\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 or fraction thereof Sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)	Provisional	200	100	0	0	0	0	
Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee(\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee(\$) Fee Paid (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) Sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)		ES						Small Entity
Each independent claims over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee(\$) Fee Paid (\$) Multiple Dependent Claims — -20 or HP= 0								
Multiple dependent claims Total Claims Extra Claims Fee(\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee(\$) Fee Paid (\$) Fee Paid (\$) - 3 or HP = 0								
Total Claims Extra Claims Fee(\$) Fee Paid (\$) -20 or HP			ruding Keissues)					
HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee(\$) Fee Paid (\$) - 3 or HP = 0			laims Fee(\$) <u>Fe</u> e	e Paid (\$)			
Indep. Claims -3 or HP= 0 x = 0 HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - = 0 / 50 = 0 (round up to a whole number) x = 0 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)				_			Fee (\$)	Fee Paid (\$)
- 3 or HP= 0 x = 0 HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets								
HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - = 0 / 50 = 0 (round up to a whole number) x = 0 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)			laims <u>Fee(</u> \$		<u> Paid (\$)</u>			
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) ———————————————————————————————————		_						
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets			aaims paid for, if greate	er than 3.				
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets			eed 100 sheets of p	aner (excludin	o electronically fil	ed seguence	or computer	
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - = 0 / 50 = 0 (round up to a whole number) x = 0 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Place Paid (\$) Fees Paid (\$)	listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
- = 0 / 50 = 0 (round up to a whole number) x = 0 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)	sheets or fraction	thereof. Se	e 35 U.S.C. 41(a)(1)(G) and 37 C	FR 1.16(s).			
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)								
Non-English Specification, \$130 fee (no small entity discount)	4 OTHER EEE(8)	- <u>U</u>	/ 30 = <u>u</u>	(round up	to a whole numb	per) x		
	1000 / dia (V)							
Other (e.g., rate ining suicharge). Supplemental (DS				-	,			

SUBMITTED BY				
Signature	Dight.	Registration No. (Attorney/Agent) 30,692	Telephone	(248) 641-1600
Name (Print/Type)	David L. Suter		Date	March 3 , 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/643,673

Filing Date:

August 19, 2003

Applicant:

Hyon et al.

Group Art Unit:

1711

Examiner:

Susan Berman

Title:

ULTRA HIGH MOLECULAR WEIGHT **POLYETHYLENE**

MOLDED ARTICLE FOR ARTIFICIAL JOINTS AND METHOD

OF PREPARING THE SAME

Attorney Docket:

1736-000001/REC

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

1. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

11. **COPIES**

A. U Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in specification, claims, and any drawing of the application, or that portion or the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated \$900.00). unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the

음

October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

B. Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

C. This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's

<u>U.S. Serial Number</u> 10/141,374 U.S. Filing Date May 8, 2002

	information. The documents listed on the International Search report are listed on the attached Form 1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g).)
III.	CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
	A. Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).
	B. A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):
	1. See the attached foreign patent office communication from a counterpart foreign application:
	2. English translations are provided:
	3. Other:
	C. The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does (do) not waive the confidentiality provisions of 35 U.S.C. § 122.

Serial No.	<u>Filing Date</u>	Inventor(s)
10/141,374	May 8, 2002	Hyon et al.
10/643,674	August 19, 2003	Hyon et al.

V. THIS IDS IS BEING FILED UNDER

A. 37 C.F.R. § 1.97(b): (check <u>only</u> one box)

- 1. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.
- 2. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.
- 3. before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
- 4. before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.

B. **37 C.F.R. § 1.97(c):** (check <u>only</u> one box)

before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.

- 1. No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- 2.
 See the certification below. No fee is required.

	C. 37 C.F.R. § 1.97(d):
	after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.
	1. See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
VI.	CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)
	The undersigned hereby certifies that:
	A. each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F.R. 1.704(d) below in section VII, if applicable; or
	B. no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).
	C. some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS.
VII.	STATEMENT UNDER 37 C.F.R. 1.704(d)
	The undersigned hereby states that:
	each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.

VIII. PAYMENT OF FEES (check only one box)

- A. \(\times \) A check in the amount of \$180.00 is enclosed for the above identified fee.
- B. Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: March 2006

David L. Suter Reg. No. 30,692

Harness, Dickey & Pierce, P.L.C. P.O. Box 828
Bloomfield Hills, Michigan 48303 (248) 641-1600

DLS/kg



HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.	SERIAL NO.
1736-000001/REC	10/643,673
APPLICANT	
Hyon et al.	
FILING DATE	GROUP
August 19, 2003	1711

U.S. PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date	
1.		4,390,666	06/28/1983	Moriguchi et al.			
2.		5,466,530	11/14/1995	England et al.			
3.		5,709,020	01/20/1998	Pienkowski et al.			

FORE	FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.		WO 93/10953	06/10/1993	WIPO		N/A	

OTHE	R DOCUME	ENTS (including Author, Title, Date, Pertinent Pages, etc.)
Ref. Desig.	Examiner's Initials	
1.		Crugnola et al., Ultrahigh Molecular Weight Polyethylene as Used in Articular Prostheses (A Molecular Weight Distribution Study), J. of App. Polymer Science, Vol. 20, (1976) pp. 809-812.
2.		Ellis et al., The Use of Ultrahigh Molecular Weight Polyethylene in Articular Prostheses II. Effects of Fabrication and Gamma Sterilization on Polymer Characteristics, Coatings and Plastics Preprints, Vol. 37, No. 2, American Chemical Society, (1977) pp. 280-284.
3.		Howmedica, Material Properties, Product Quality Control, and Their Relation to UHMWPE Performance, Part Two of a Series on Ultra-High Molecular Weight Polyethylene, (1994) pp. 1-20.
4.		Howmedica, Overview and Fundamentals of UHMWPE, Part One of a Series on Ultra-High Molecular Weight Polyethylene, (1994) pp. 1-8.
5.		Jones et al., Effect of y Irradiation on the Friction and Wear of Ultrahigh Molecular weight Polyethylene, Wear, Vol. 70, (1981) pp. 77-92.
6.		Kashiwabara et al., Radiation-Induced Oxidation of Plastics, Radiation Processing of Polymers, Chapter 11, (1992) pp. 221-254.

Examiner:	Date Considered:

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 2

ATTORNEY DOCKET NO.	SERIAL NO.	
1736-000001/REC	10/643,673	
APPLICANT		
Hyon et al.		
FILING DATE	GROUP	
August 19, 2003	1711	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
7.		Narkis et al., Structure and Tensile Behavior of Irradiation - and Peroxide - Crosslinked Polyethylenes, J. Macromol. Sci Phys., Vol. B 26, No. 1, (1987) pp. 37-58.
8.		Nusbaum et al., The Effects of Radiation Sterilization on the Properties of Ultrahigh Molecular Weight Polyethylene, Journal of Biomedical Materials Research, Vol. 13, (1979) pp. 557-76.
9.		Silverman, Radiation-Induced and Chemical Crosslinking: A Brief Comparison, Radiation Processing of Polymers, Chap. 2, (1992) p. 15-22.
10.		Sultan et al., Advances in Crosslinking Technology, Plastics, Rubber and Composites Processing and Applications 21, (1994) pp. 65-73.
11.		Yongxiang et al., Crosslinking of Wire and Cable Insulation Using Electron Accelerators, Radiation Processing of Polymers, Chap. 5, (1992) pp. 71-92.

Examiner:	Date Considered: